EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(("6418453") or ("20020099695")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L2	22	central$ same index same document$1 same repositor$	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L3	9	publish$ same (meta with data) same index	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L4	5	categor$ same index same document$1 same subscription	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L5	535	categor$ same index same document$1	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L6	165	L5 and repositor$	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L7	158	L6 and search$	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L8	84	L7 and ((meta with data) metadata)	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L9	398	((meta with data) metadata) same index same document$1	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L10	30	((meta with data) metadata) same index same document$1 same categor$	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L11	336	index$3 same ((meta with data) metadata) same (stor$3 repositor$3) same document$1	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L12	49	index$3 same ((meta with data) metadata) same (stor$3 repositor$3) same document$1 same map$4	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L13	49	index$3 same ((meta with data) metadata) same (stor$3 repositor$3) same document$1 same map$4	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L14	3698	(information with retrieval) same (index$3 categor$)	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L15	0	(information with retrieval) same (index$3 categor$) same repositor$ same (metdata (meta with data))	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L16	28	(information with retrieval) same (index$3 categor$) and repositor$ same (metdata (meta with data))	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L17	39	index$3 same publish$2 same document$1 same (metadata (meta with data))	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31

EAST Search History

L18	7061	network with publish$3	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L19	65355	(metadata (meta with data) meta-data meta)	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L20	110	L18 same L19	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L21	433	L19 and index and repositor$ and publish$ and search and centralized	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L22	208	L19 and index and repositor$ and publish$ and search and centralized and categoriz$	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31
L23	1465	L19 same channel	US-PGPUB; USPAT	OR	OFF	2006/03/30 11:31

Published before July 2003
Terms used **index document meta internet**

Found **492** of **139,854**

Sort results by: relevance
Display results: expanded form
Save results to a Binder
Search Tips
Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next
Best 200 shown Relevance scale

1 Personalized spiders for web search and analysis
Michael Chau, Daniel Zeng, Hinchun Chen
January 2001 **Proceedings of the 1st ACM/IEEE-CS joint conference on Digital libraries**
Publisher: ACM Press
Full text available: pdf(672.04 KB) Additional Information: full citation, abstract, references, citings, index terms

Searching for useful information on the World Wide Web has become incr easingly difficult. While Internet search engines have been helping people to search on the web, low recall rate and outdated indexes have become more and more problematic as the web grows. In addition, search tools usually present to the user only a list of search results, failing to provide further personalized analysis which could help users identify useful information and comprehend these results. To alleviate these ...

Keywords: information retrieval, internet searching and browsing, internet spider, noun-phrasing, personalization, self-organizing map

2 Visual information retrieval from large distributed online repositories
Shih-Fu Chang, John R. Smith, Mandis Beigi, Ana Benitez
December 1997 **Communications of the ACM**, Volume 40 Issue 12
Publisher: ACM Press
Full text available: pdf(1.96 MB) Additional Information: full citation, references, citings, index terms

3 STARTS: Stanford proposal for Internet meta-searching
Luis Gravano, Chen-Chuan K. Chang, Héctor García-Molina, Andreas Paepcke
June 1997 **ACM SIGMOD Record , Proceedings of the 1997 ACM SIGMOD international conference on Management of data SIGMOD '97**, Volume 26 Issue 2
Publisher: ACM Press
Full text available: pdf(1.53 MB) Additional Information: full citation, abstract, references, citings, index terms

Document sources are available everywhere, both within the internal networks of organizations and on the Internet. Even individual organizations use search engines from different vendors to index their internal document collections. These search engines are

typically incompatible in that they support different query models and interfaces, they do not return enough information with the query results for adequate merging of the results, and finally, in that they do not export metadata about t ...

4 Link-based ranking 2: Searching the workplace web

Ronald Fagin, Ravi Kumar, Kevin S. McCurley, Jasmine Novak, D. Sivakumar, John A. Tomlin, David P. Williamson

May 2003 **Proceedings of the 12th international conference on World Wide Web**

Publisher: ACM Press

Full text available: pdf(231.55 KB) Additional Information: full citation, abstract, references, citings, index terms

The social impact from the World Wide Web cannot be underestimated, but technologies used to build the Web are also revolutionizing the sharing of business and government information within intranets. In many ways the lessons learned from the Internet carry over directly to intranets, but others do not apply. In particular, the social forces that guide the development of intranets are quite different, and the determination of a "good answer" for intranet search is quite different than on the Int ...

5 Cyberspace 2000: dealing with information overload

Hal Berghel

February 1997 **Communications of the ACM**, Volume 40 Issue 2

Publisher: ACM Press

Full text available: pdf(343.30 KB) Additional Information: full citation, references, citings, index terms

6 Extracting classification knowledge of Internet documents with mining term associations: a semantic approach

Shian-Hua Lin, Chi-Sheng Shih, Meng Chang Chen, Jan-Ming Ho, Ming-Tat Ko, Yueh-Ming Huang

August 1998 **Proceedings of the 21st annual international ACM SIGIR conference on Research and development in information retrieval**

Publisher: ACM Press

Full text available: pdf(1.02 MB) Additional Information: full citation, references, citings, index terms

7 Short Papers: Automatically indexing documents: content vs. reference

Shannon Bradshaw, Kristian Hammond

January 2002 **Proceedings of the 7th international conference on Intelligent user interfaces**

Publisher: ACM Press

Full text available: pdf(106.80 KB) Additional Information: full citation, abstract, references, index terms

Authors cite other work in many types of documents. Notable among these are research papers and web pages. Recently, several researchers have proposed using the text surrounding citations (references) as a means of automatically indexing documents for search engines, claiming that this technique is superior to indexing documents based on their content [1,2]. While we ourselves have made this claim, we acknowledge that little empirical data has been presented to support it. Therefore, in the limi ...

Keywords: indexing precision, reference-based indexing, term diversity

8 Efficient text summarization using lexical chains

H. Gregory Silber, Kathleen F. McCoy
January 2000 **Proceedings of the 5th international conference on Intelligent user interfaces**
Publisher: ACM Press

Full text available: pdf(586.39 KB) Additional Information: full citation, abstract, references, citings, index terms

The rapid growth of the Internet has resulted in enormous amounts of information that has become more difficult to access efficiently. Internet users require tools to help manage this vast quantity of information. The primary goal of this research is to create an efficient and effective tool that is able to summarize large documents quickly. This research presents a linear time algorithm for calculating lexical chains which is a method of capturing the "aboutness" of a document. ...

Keywords: NLP, algorithm, cohesion, lexical chains, linguistics, summarization

9 Living Web: supporting Internet-based user-centered design

Jeffrey D. Smith, Kenji Takahashi, Eugene Liang
April 1999 **ACM SIGGROUP Bulletin**, Volume 20 Issue 1
Publisher: ACM Press
Full text available: pdf(624.17 KB) Additional Information: full citation, abstract, index terms

In this paper, we describe an Internet-based platform and applications which address problems encountered in user-centered design. The issues of coordination and management, variety of representations, and the iterative nature of the design process are discussed along with solutions provided by our approach. We give actual examples of usage of our system and some issues for future consideration.

Keywords: HCI, WWW, artifacts, collaboration, multimedia

10 Knowledge sharing, quality, and intermediation

Claire Vishik, Andrew B. Whinston
March 1999 **ACM SIGSOFT Software Engineering Notes , Proceedings of the international joint conference on Work activities coordination and collaboration WACC '99**, Volume 24 Issue 2
Publisher: ACM Press
Full text available: pdf(1.33 MB) Additional Information: full citation, abstract, references, index terms

Informal publishing flourished in the World Wide Web environment, where every user with a sufficient level of access can become a publisher. Although it appears that in such an environment intermediation in the distribution and sharing of information becomes unnecessary, the uneven quality of information and resulting quality uncertainty of information users, together with the increased search efforts, represent a sufficient reason for information and knowledge intermediaries to preserve and eve ...

Keywords: Internet, World Wide Web, economics of information, information exchange, intermediation, knowledge management

11 Novel search environments: Comparison of two approaches to building a vertical search tool: a case study in the nanotechnology domain

Michael Chau, Hsinchun Chen, Jialun Qin, Yilu Zhou, Yi Qin, Wai-Ki Sung, Daniel McDonald
July 2002 **Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital libraries**
Publisher: ACM Press

Additional Information: full citation, abstract, references, citings, index

Full text available: pdf(859.29 KB) terms

As the Web has been growing exponentially, it has become increasingly difficult to search for desired information. In recent years, many domain-specific (vertical) search tools have been developed to serve the information needs of specific fields. This paper describes two approaches to building a domain-specific search tool. We report our experience in building two different tools in the nanotechnology domain -- (1) a server-side search engine, and (2) a client-side search agent. The designs of ...

Keywords: indexing, information retrieval, internet searching and browsing, internet spider, noun-phrasing, personalization, post-retrieval analysis, self-organizing map, summarization, vertical search engine, web search engine

12 Web annotator

Dale Reed, Sam John
January 2003 **ACM SIGCSE Bulletin , Proceedings of the 34th SIGCSE technical symposium on Computer science education SIGCSE '03**, Volume 35 Issue 1
Publisher: ACM Press

Full text available: pdf(605.08 KB) Additional Information: full citation, abstract, references, citings, index terms

The World Wide Web is increasingly becoming an integrated extension of users' computing environments, with content indexed and retrieved through Web browsers. Web browsers are increasingly being used as computer science curriculum delivery mechanism, for both books delivered as local content on CD ROMs as well as server-based material.Traditional computer science curriculum has often been presented through static printed media. What has been printed ahead of time in books or handouts can not be ...

Keywords: annotation, browser plugin, collaborative design, web-based curriculum

13 GlOSS: text-source discovery over the Internet

Luis Gravano, Héctor García-Molina, Anthony Tomasic
June 1999 **ACM Transactions on Database Systems (TODS)**, Volume 24 Issue 2
Publisher: ACM Press

Full text available: pdf(230.37 KB) Additional Information: full citation, abstract, references, citings, index terms, review

The dramatic growth of the Internet has created a new problem for users: location of the relevant sources of documents. This article presents a framework for (and experimentally analyzes a solution to) this problem, which we call the text-source discovery problem. Our approach consists of two phases. First, each text source exports its contents to a centralized service. Second, users present queries to the service, which returns an ordered list of promising text sources. T ...

Keywords: Internet search and retrieval, digital libraries, distributed information retrieval, text databases

14 Experiences with selecting search engines using metasearch

Daniel Dreilinger, Adele E. Howe
July 1997 **ACM Transactions on Information Systems (TOIS)**, Volume 15 Issue 3
Publisher: ACM Press

Full text available: pdf(428.65 KB) Additional Information: full citation, abstract, references, citings, index terms, review

Search engines are among the most useful and high-profile resources on the Internet.

The problem of finding information on the Internet has been replaced with the problem of knowing where search engines are, what they are designed to retrieve, and how to use them. This article describes and evaluates SavvySearch, a metasearch engine designed to intelligently select and interface with multiple remote search engines. The primary metasearch issue examined is the importance of carefully selecti ...

Keywords: WWW, information retrieval, machine learning, search engine

15 Ontology-supported and ontology-driven conceptual navigation on the World Wide Web

Michel Crampes, Sylvie Ranwez
May 2000 **Proceedings of the eleventh ACM on Hypertext and hypermedia**
Publisher: ACM Press
Full text available: pdf(198.01 KB) Additional Information: full citation, references, citings, index terms

Keywords: WWW, XML, adaptive hypertext, conceptual navigation, metadata, narration, ontology, time optimization

16 Global digital museum: multimedia information access and creation on the Internet

Junichi Takahashi, Takayuki Kushida, Jung-Kook Hong, Shigeharu Sugita, Yasuyuki Kurita, Robert Rieger, Wendy Martin, Geri Gay, John Reeve, Rowena Loverance
May 1998 **Proceedings of the third ACM conference on Digital libraries**
Publisher: ACM Press
Full text available: pdf(1.41 MB) Additional Information: full citation, references, citings, index terms

17 The effectiveness of GIOSS for the text database discovery problem

Luis Gravano, Héctor García-Molina, Anthony Tomasic
May 1994 **ACM SIGMOD Record , Proceedings of the 1994 ACM SIGMOD international conference on Management of data SIGMOD '94**, Volume 23 Issue 2
Publisher: ACM Press
Full text available: pdf(1.36 MB) Additional Information: full citation, abstract, references, citings, index terms

The popularity of on-line document databases has led to a new problem: finding which text databases (out of many candidate choices) are the most relevant to a user. Identifying the relevant databases for a given query is the text database discovery problem. The first part of this paper presents a practical solution based on estimating the result size of a query and a database. The method is termed GIOSS—Glossary of Servers Server. The second part of t ...

18 XRel: a path-based approach to storage and retrieval of XML documents using relational databases

August 2001 **ACM Transactions on Internet Technology (TOIT)**, Volume 1 Issue 1
Publisher: ACM Press
Full text available: pdf(264.27 KB) Additional Information: full citation, abstract, references, citings, index terms, review

This article describes XRel, a novel approach for storage and retrieval of XML documents using relational databases. In this approach, an XML document is decomposed into nodes on the basis of its tree structure and stored in relational tables according to the node

type, with path information from the root to each node. XRel enables us to store XML documents using a fixed relational schema without any information about DTDs and also to utilize indices such as the B+
Keywords: XML query, XPath, text markup, text tagging

19 Placing search in context: the concept revisited

Lev Finkelstein, Evgeniy Gabrilovich, Yossi Matias, Ehud Rivlin, Zach Solan, Gadi Wolfman, Eytan Ruppin
April 2001 **Proceedings of the 10th international conference on World Wide Web**
Publisher: ACM Press
Full text available: pdf(235.96 KB) Additional Information: full citation, references, citings, index terms

Keywords: context, invisible web, search, semantic processing, statistical natural language processing

20 Information storage and management in large web-based applications using XML

Manirupa Das, Pamela B. Lawhead
June 2003 **Journal of Computing Sciences in Colleges**, Volume 18 Issue 6
Publisher: Consortium for Computing Sciences in Colleges
Full text available: pdf(45.55 KB) Additional Information: full citation, abstract, references, index terms

The Extensible Markup Language [XML], was intended to be a meta-language, when it was initially approved as a Web Standard by the World Wide Web Consortium (W3C), in February of 1998. Since then, it has come a very long way in applicability and popularity and is fast becoming the Standard for Data Interchange over the Web. XML has now formed the foundation for a completely new way of communicating across the Internet. The power of XML to be applied universally to a number of areas lies in the fa ...

Keywords: applying XML, data and document management, information management, information storage, large web applications, online course delivery .